

Purchasing Contact:
Pat Tower, Senior PSO

Telephone Number:
(860) 622-2541

STATE OF CONNECTICUT
DEPARTMENT OF INFORMATION TECHNOLOGY
CONTRACTS & PURCHASING DIVISION
101 EAST RIVER DRIVE
EAST HARTFORD, CT 06108-3274

Contract Award #

023-A-27-7030-C

Contract Award Date

February 21, 2003

Expiration Date

February 28, 2006

CONTRACT AWARD

IMPORTANT: This is NOT a purchase order. Do NOT produce or ship without an agency purchase order.

COMMODITY CLASS/SUBCLASS & DESCRIPTION: **7000 / 560 Radio Equipment**

FOR:

DPS/Division of State Police
PO Box 2794
Middletown, CT. 06457

CONTRACT TERM: **3-years** (with option to extend one year)

Date of Award - February 28, 2006

AGENCY REQUISITION NUMBER: **10686**

IN STATE (NON-SB) CONTRACT VALUE	DAS CERTIFIED SMALL BUSINESS CONTRACT VALUE	OUT OF STATE CONTRACT VALUE	TOTAL CONTRACT AWARD VALUE
\$700,000.00		--	\$700,000.00

NOTICE TO CONTRACTORS: This notice of award is not an order to ship. The using agency or agencies on whose behalf the contract is made will furnish purchase orders against contracts. Send invoices directly to the using/ordering agency per instructions on purchase order.

NOTE: Dollar amounts listed next to each contractor are possible award amounts, however, they do not reflect any expected purchase amounts (actual or implied). They are for CHRO use only.

NOTICE TO AGENCIES: A complete explanatory report shall be furnished promptly to the Director concerning items delivered and/or services rendered on orders placed against awards listed herein which are found not to comply with the specifications or which are otherwise unsatisfactory from the agency's viewpoint, as well as failure of the contractor to deliver within a reasonable period of time specified. Please issue orders and process invoices promptly.

- ▶ **CASH DISCOUNTS:** Cash discounts, if any, shall be given SPECIAL ATTENTION, but such cash discount shall not be taken unless payment is made within the discount period.
- ▶ **PRICE BASIS:** Unless otherwise noted, prices include delivery and transportation charges fully prepaid f.o.b. agency. No extra charge is to be made for packing or packages.

CONTRACTOR INFORMATION:

Company Name: **Utility Communications, Inc.**

SSN/FEIN # **06-0863774**

Address: **920 Sherman Avenue, Hamden, CT. 06514**

Tel. No.: **1-800-443-1306**

Delivery: **3 weeks A.R.O.**

Contact Person: **Edward L. Abrams**

Fax No.: **(203) 248-9167**

Payment Terms: **Net 45 Days**

E-mail Address:

Eda@utilitycommunications.com

Certification Type:

(SBE, MBE, WBE or None)

Supply to Political Sub-Divisions: **No**

Company Website: www.utilitycommunications.com

APPROVED _____

Holly Miller-Sullivan

Director of Contract & Purchasing Division
(Original Signature on Document in Procurement Files)

Date Issued: February 21, 2003

STATE OF CONNECTICUT
DOIT – CONTRACTS & PURCHASING DIVISION

023-A-27-7030-C

Purchasing Contact:
Pat Tower, Senior PSO

E-Mail Address:
Pat.tower@po.state.ct.us

**Contract Award
SCHEDULE**

023-A-27-7030-C

CONTRACT AWARD DATE
February 21, 2003

DELIVERY TIME
3 Weeks A.R.O.

PAYMENT TERMS Net 45 Days	CASH DISCOUNT 1 % 10 Days
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Payment terms are net 45 days.
Pricing includes all transportation charges FOB state agency.

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BIDDER NAME
Utility Communications, Inc.

SSN OR FEIN #06-0863774

The Department of Information Technology is issuing this bid on behalf of
the DPS/Division of State Police for **Radio Equipment**

Equipment:

	MODEL	DESCRIPTION	1 – 250 Unit Price	251 – 500 Unit Price	501 + Unit Price
1.	MT 2000	Portable Radio	\$ 825.00	\$ 815.00	\$ 800.00
2.	WPLN4111R	Radio Charger	\$ 122.00	\$ 120.75	\$ 119.60

Option 1 - Accessories

	MODEL	DESCRIPTION	1 – 250 Unit Price	251 – 500 Unit Price	501 + Unit Price
3.	WPLN4111R	a. Single Battery Charger	\$ 122.00	\$ 120.75	\$ 119.60
4.	WPLN4108R	b. Multiple Unit Battery Charger	\$ 585.00	\$ 579.50	\$ 574.00
5.	Q202	c. Intrinsically Safe Model	\$ 32.75	\$ 32.50	\$ 32.00
6.	WPNN4013	d. Nickel Metal Hydride Battery	\$ 48.00	\$ 47.00	\$ 46.75
7.	NTN7317	e. Removal Belt Clip	\$ 7.40	\$ 7.35	\$ 7.30
8.	NMN6244*	f. Noise Canceling Speaker Microphone	\$ 99.00	\$ 98.00	\$ 97.50
9.	NTN8035	g. Leather Carrying Case	\$ 53.00	\$ 52.00	\$ 51.00
10.	N1671, Q147, Q150, RRA4983	h. Portable Radio Vehicular Adapter	\$ 670.00	\$ 665.00	\$ 660.00
11.	TDN9816	i. Portable 12-Volt DC	\$ 254.00	\$ 252.00	\$ 249.50

STATE OF CONNECTICUT
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		Radio Vehicle Charger			
12.	EXT. WARR.	Warranty Extension <i>(1 year increments)</i>	\$ 36.50	\$ 36.25	\$ 36.00

***Includes Stub Ant. (-\$18.00 to delete Stub Ant.)**

ALL ITEMS LISTED ABOVE PER SPECIFICATIONS

Bidder Contact: Edward L. Abrams

Address: 920 Sherman Ave., Hamden, CT. 06514

Phone: 203-287-2306 Fax: 203-248-9167

E-mail: eda@utilitycommunications.com

Representative that will service *(maintenance & repairs)*:

Name: Salvatore Zichichi

Address: Same as above

Phone: Same as above Fax: Same as above

E-mail: salz@utilitycommunications.com

Notes:

1. Quantities purchased may be more or less than the estimates. Items may or may not be ordered depending on the needs of the Agency. Agency shall have the option to upgrade units.

All correspondence regarding this contract award must be in **writing** and submitted to:

Pat.tower@po.state.ct.us

-or-

Attn.: Pat Tower, Award # **023-A-27-7030-C**

DOIT - Contract & Purchasing Division, 101 East River Drive, East Hartford, CT 06108

AGENCY SPECIFICATIONS

Office of Emergency Management
National Mutual Aid Radio System
PORTABLE RADIO SPECIFICATION

Bidders **must reply** to each of the line items listed and if necessary provide a detailed explanation and/or description. Deviations must be listed within the bidder's specifications. Failure to provide the information requested may result in disqualification of the bid. Equipment and services must meet or exceed the following:

I. The portable radio shall have the following features:

- The radio shall operate in the 806-870 MHz. band split.
- Radio shall be synthesized and field programmable via manufacturer supplied software and all necessary hardware (2 sets) for operation on a personal computer. The radio will not be capable of being programmed by the operator.
- Radios shall be capable of performing radio-to-radio cloning with the use of a cloning cable. (2 cables to be supplied).
- The radio shall operate with a minimum RF output power of 3 watts.
- The radio shall have a minimum of 16 channels.
- Channel selection, power on and off and volume control shall be controlled by rotary knob controls.
- Radio shall have a minimum of a 6 character alphanumeric LCD display with operator controlled backlight.
- Radio shall be weather resistant in its construction. Radio shall meet US Military Specification 810C, 810D, and 810E for durability.
- The body of the radio housings shall be supplied with paint filled (color yellow) machined engraving as follows:
CT. DPS
I-TAC
Unit # XXXX
1-800-842-0200
- Radio shall have a weather resistant quick disconnect accessory connector that shall be capable of supporting a remote speaker microphone, a remote speaker microphone with remote antenna, and a remote ear receiver or headphones.
- Radio shall be capable of operation with all standard Continuous Tone Coded Sub-audible Squelch codes, all standard Digital Coded Squelch codes and Carrier Squelch operation per channel.
- Radio shall have an operator-controlled channel monitor function.
- Radio shall have a programmable time out timer with a timer range capable of being programmed from a minimum time of 30 seconds to a maximum time of 3 minutes time duration. 1 minute shall be programmed as the default time.
- Radio shall be capable of channel scanning of all programmed channels with a programmable priority channel scan list.
- Radio shall have a battery capable of providing a minimum of 8 hours operation time. Time standard shall be rated at 90% stand by time, 5% receive time and 5% transmit time.
- Radio shall have a flexible whip antenna with a minimum length of 5 inches and maximum length of 8 inches.

AGENCY SPECIFICATIONS

II. Minimum Radio Performance Specifications:

Receiver:

- Audio Rating 500 mW
- Audio Distortion 5%
- Frequency Range 851-870 MHz.
- Frequency separation 20 MHz.
- Channel spacing 12.5 kHz and 25 kHz
- Inter modulation @ 25 kHz -70 dB
- Adjacent Channel Selectivity -70 dB
- Sensitivity 12 dB SINAD .30 mV
- Sensitivity -20 dB Quieting .42 mV
- Image Rejection -78 dB
- Frequency Stability @ 25 kHz +/- 0.00025%

Transmitter:

- RF Power Rating 3 Watts
- Frequency Range 806-825 MHz & 851-870 MHz
- Channel Spacing 12.5 kHz and 25 kHz
- Modulation limiting 25 kHz Channel 5.0 kHz
- Modulation limiting 12.5 kHz Channel 4.0 kHz
- Distortion 3%
- Frequency stability +/- 0.00020%
- FM Hum and Noise 25 kHz channel -40 dB
- Emission Designator for 25 kHz 16K0F3E

III. All radios shall be programmed to the following format:

CHANNEL	DISPLAY	TX FREQ. MHz.	RX FREQ. MHz.	PL CODE
1	ICALL	821.0125	866.0125	156.7
2	ICALLD	866.0125	866.0125	156.7
3	ITAC1	821.5125	866.5125	156.7
4	ITAC1D	866.5125	866.5125	156.7
5	ITAC2	822.0125	867.0125	156.7
6	ITAC2D	867.0125	867.0125	156.7
7	ITAC3	822.5125	867.5125	156.7
8	ITAC3D	867.5125	867.5125	156.7
9	ITAC4	823.0125	868.0125	156.7
10	ITAC4D	868.0125	868.0125	156.7

AGENCY SPECIFICATIONS

IV. Portable Radio Charger - Single unit

Each portable radio shall be supplied with a single unit drop-in 110-volt A/C desktop battery Charger/Conditioner/Re-conditioner. The charger shall accept the batteries while on and off the radio. The charger shall be designed to provide low current maintenance charging as needed when the radio is left in charger for extended periods of time. Charger shall automatically recharge the battery when needed. Indication of when the battery is fully charged along with the end of service life shall be provided. Charger shall support Nickel Cadmium, Nickel metal hydride and Lithium Ion battery technology.

V. Portable Radio Accessory Equipment Options

The following items shall be available individually as options, separate from the purchase of portable radios. The items shall be priced separately for each individual item.

- a. Single Unit Drop-in 110-volt A/C Desktop Battery Charger/Conditioner/Re-conditioner. The single unit charger shall be the same item as supplied with each portable radio per section IV of the General Specification, and shall be in addition to the chargers supplied under section IV.
- b. Multiple Unit Drop-in 110-volt A/C Desktop/ Wall Mount Battery Charger/Conditioner/Reconditioner. The multiple unit charger shall hold a minimum of 6 radios or batteries. The charger shall accept the batteries while on and off the radio. The charger shall be designed to provide low current maintenance charging as needed when the radio is left in charger for extended periods of time. Charger shall automatically recharge the battery when needed. Indication of when the battery is fully charged along with the end of service life shall be provided. Charger shall support Nickel Cadmium, Nickel Metal Hydride and Lithium Ion battery technology.
- c. Intrinsically Safe Model. The radio and battery shall be available in an intrinsically safe model to meet or exceed class 1, 2, 3, Division 1, Groups D, F, G Factory Mutual ratings as an option.
- d. Nickel Metal Hydride battery. A nickel metal hydride battery with a minimum of 10 hours operation time shall be available. Time standard shall be rated at 90% stand by time, 5% receive time and 5% transmit time.
- e. Removable Belt Clip. Self-explanatory.
- f. Noise Canceling Speaker Microphone. A noise canceling speaker microphone with swivel holding clip and remote flexible antenna shall be available.
- g. Leather Carrying Case. A leather carrying case with hold down strap and shoulder strap shall be available. The case shall be capable of use with a standard waist belt. Case shall be removable from waist belt by use of a swivel connection.
- h. Portable Radio Vehicular Adapter. A portable radio vehicular adapter with the following features, rapid and trickle battery charging, hand held microphone, remote speaker shall be available. A minimum of a 15 watt RF power amplifier and a 3 dB gain external antenna. Unit will have Vehicle mounting hardware. Charger will support Nickel Cadmium, Nickel Metal Hydride and Lithium Ion battery technology.
- i. 12 Volt DC Portable Radio Vehicle Charger. A 12 volt DC portable radio vehicle charger with both rapid and trickle rate charging shall be available. Unit shall have vehicle-mounting hardware and power cable. Charger shall support Nickel Cadmium, Nickel Metal Hydride and Lithium Ion battery technology.

VI. Service Manuals

Upon request, additional comprehensive manuals that cover the basic theory of operation shall be provided.

AGENCY SPECIFICATIONS

VII. Warranty Requirement

A comprehensive **3-year manufacturer's warranty** of all hardware supplied is required, except batteries. The cost of an *optional 3-year extension* shall also be provided. Cost shall be represented as cost per year for each of the 3 years, and shall be renewable in single year terms.

Batteries shall be warranted to maintain at least 80% of capacity for two years, when used in conjunction with single or multiple use chargers purchased under this Invitation to Bid.

A single toll-free telephone number shall be supplied to all users to facilitate repair unit requests. Replacement units shall be delivered on-site within **2 business days** of the original request for replacement. The State will provide at least **15 replacement radios** and 110-Volt AC desktop Charger/Conditioner/Re-conditioners to the successful bidder. Radios and Chargers shall serve as a repair service inventory to be located at an authorized service center or centers in Connecticut. Service center shall be responsible for the pick up of defective units and the delivery of replacement units to any location within the state. All costs shall be assumed under the warranty.

Vendor must provide maintenance, repair, and warranty service

- Centrally located repair facility
- Fully equipped service shop
- Trained technicians
- Replacement units delivered on-site within 2 business days
- Loaner radios provided in event of repair delays (beyond supplied 15)